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Governor's Office of Homeland Security & Emergency Preparedness

INCIDENT ACTION PLAN - 09



Incident Name: Tulane National Primate Research Center 15-005

Unified Command:

CDC - RADM Scott Deitchman

GOHSEP - Dir. Kevin Davis

LA DHH - Dr. Jimmy Guidry

St. Tammany - Dir. Dexter Accardo

Approved:

[Handwritten signature]

Operational Period:

Date: March 13, 2015

Time: 3/13/2015 - 0900hrs to 3/20/2015 - 0900hrs

St. Tammany Parish EOC
510 E. Boston Street
Covington, La. 70433
Office: 985-898-2359

St. Tammany Parish EOC - GPS Coordinates
30.476016, -90.095449

Prepared By	C.R. Simoneaux	Signature	<i>[Handwritten signature]</i>	Date	3-13-15	Time	1500hrs
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Governor's Office of Homeland Security & Emergency Preparedness

INCIDENT OBJECTIVES		Incident Number	15-005		ICS 202	
Incident Name	Tulane National Primate Research Center		Operational Period	3/13/2015 0900hrs to 3/20/2015 0900hrs		
Objectives						
	<i>* Note - some field operations have resumed, including rodent, feral cat, wildlife and NHP sampling and testing. *</i>					
1	Investigation process - On Campus: To identify, isolate, remediate and prevent further transmission of BP on campus grounds.					
	Sampling Objectives:					
1.1	To conduct serological sampling to determine potential parameters of transmission exposure.					
	<p><i>Status:</i> <u>Human</u>: Of 28 samples DHH-OPH sent to CDC on 03/03/2015, 27 were negative for Bp and 1 was inconclusive. At the request of CDC, a redraw was taken from the individual with the inconclusive test. It was sent to CDC along with samples drawn from 2 additional TNPRC employees on 03/12/2015. One TNPRC employee who previously elected to bank their blood requested to have it tested. This sample was also sent to CDC on 03/13/2015 (for a total of 4 samples sent to CDC on 03/12/2015). Awaiting test results. <u>Non-human primates (NHP)</u>: Additional NHP sampling and testing is underway at TNPRC. The Maryland Department of Agriculture reported sending 33 NHP samples to CDC for testing. Awaiting test results for review by the Science Technical Working Group (STWG). As of 3/12/2015, 8 NHPs have tested positive for exposure to Bp, 3 of which have been euthanized.</p>					
1.2	To conduct air sampling to determine potential of aerosolized transmission.					
	<i>Status: Completed. All test results were negative for BP. Additional short term and long term environmental monitoring plans are being developed.</i>					
1.3	To conduct soil sampling within the cages to validate spread of BP in cage-soil.					
	<i>Status: All test results were negative for BP. Additional short term and long term environmental monitoring plans are being developed.</i>					
1.4	To conduct soil sampling outside the cages to determine if BP has spread beyond enclosures					
	<i>Status: All test results were negative for BP. Additional short term and long term environmental monitoring plans are being developed.</i>					
1.5	To conduct water sampling around the compound and at discharge points to determine if BP is growing in water discharges.					
	<i>Status: All test results were negative for BP. Additional short term and long term environmental monitoring plans are being developed.</i>					
	Remediation Objectives:					
1.6	To conduct remediation of enclosures where infected animals were - or are - located.					
	<i>Status: Awaiting status update from Tulane.</i>					
1.7	To conduct remediation outside the cages based on soil sampling results.					
	<i>Status: Awaiting status update from STWG and Tulane based on additional short term and long term environmental monitoring plans being developed.</i>					
1.8	To identify potential mitigation activities should air and/or water samples come back positive.					
	<i>Status: Awaiting status update from STWG based on additional short term and long term environmental monitoring plans being developed.</i>					
Prepared by						
C.R.Simoneaux		Signature		Date	Time	
Approved by						
		Signature		Date	Time	

Governor's Office of Homeland Security & Emergency Preparedness

INCIDENT OBJECTIVES		Incident Number	15-005	ICS 202 (page 2)			
Incident Name	Tulane National Primate Research Center	Operational Period	3/13/2015 0900hrs to 3/20/2015 0900hrs				
Objectives (continued)							
2	Surrounding Area - Off Campus: To conduct risk assessment(s) within a meaningful vicinity outside the compound to ascertain need for further sampling wildlife, livestock, and other potential at-risk animals.						
2.1	To conduct risk survey of animals in the area and determine whether these animals require further testing.						
	<i>Status: USDA/APHIS is developing a risk assessment and additional short term and long term monitoring plan. Some wildlife, rodent and feral cat sampling is underway with samples being sent to the USDA National Veterinary Services Laboratory (NVSL). Initial wildlife samples sent for testing were all negative for Bp. Additional samples have been sent. Awaiting test results for review by the Science Technical Working Group (STWG).</i>						
2.2	To utilize findings from the investigative process to determine need for further mitigation activities outside the compound.						
	<i>Status: USDA/APHIS is developing a risk assessment and additional short term and long term monitoring plan.</i>						
3	Public Communications						
3.1	To formalize JIC members under CDC lead.						
	<i>Status: Completed but under GOHSEP lead.</i>						
3.2	To develop Frequently Asked Questions document in readiness for public dissemination.						
	<i>Status: TBD.</i>						
4	Science Technical Working Group - To advise the Unified Command on Interpretation of Sampling and Testing Results, and to Make Recommendations on Further Actions with Investigations, Remediation and Response (Objectives 1 and 2).						
4.1	Review, interpret and advise the UC on human blood test results and need for additional actions.						
	<i>Status: Initial test results are being reviewed. Awaiting additional test results for review.</i>						
4.2	Review, interpret and advise the UC on animal blood test results and need for additional actions.						
	<i>Status: Initial test results are being reviewed. Awaiting additional test results for review.</i>						
4.3	Review, interpret and advise the UC on air, water, and soil test results and need for additional actions.						
	<i>Status: Initial test results are being reviewed and additional short term and long term environmental monitoring plans are being developed.</i>						
Prepared by							
C.R.Simoneaux		Signature		Date		Time	
Approved by							
		Signature		Date		Time	

Governor's Office of Homeland Security & Emergency Preparedness

INCIDENT OBJECTIVES		Incident Number	15-005	ICS 202 (page 3)				
Incident Name	Tulane National Primate Research Center		Operational Period	3/13/2015 0900hrs to 3/20/2015 0900hrs				
Objectives (continued)								
Operational Period Command Emphasis (Priorities, Key Decisions/Directions)								
Expedient development and implementation of testing and response plans is the Unified Command emphasis, while at all times making decisions which are in the best interest of worker and public safety. Any issues which arise to impede this effort will be immediately communicated to the Unified Command for assistance and resolution. Full compliance with animal health and welfare regulations will be observed, and efforts will be made to minimize impacts to animal welfare.								
NWS Weather Forecast for Covington, La. as of 3/13/2015 at 0900hrs CST								
Today	Tonight	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night	Tuesday
								
100%	70%							
Showers	Showers Likely	Areas Fog	Mostly Cloudy	Partly Sunny	Mostly Cloudy	Partly Sunny	Partly Cloudy	Mostly Sunny
High: 74 °F	Low: 55 °F	High: 74 °F	Low: 57 °F	High: 75 °F	Low: 58 °F	High: 78 °F	Low: 58 °F	High: 80 °F
National Weather Service Office Slidell, La. 985-649-0429 http://www.srh.noaa.gov/lix/								
Safety Message / Site Safety Plan								
Safety of response personnel and the general public is paramount. Primary focus will be on strict adherence to safety rules and regulations and proper use of PPE. Any safety concerns, incidents or injuries must be immediately reported to a supervisor and the incident Safety Officer.								
Is a Site Safety Plan Required?		X Yes	No	Location of Site Safety Plan: On file with Safety Officer and Planning Section				
Incident Action Plan Components (check if attached)								
x	Incident Action Plan Cover (ICS-200)				Medical Plan (ICS-206)			
x	Incident Objectives (ICS-202)			x	Site Safety Plan (ICS-208)			
x	Organization Assignment List (ICS-203)			x	Cleaning and Disinfecting Vehicles Plan			
	Assignment List (ICS-204)			x	Incident Map(s)			
x	Communications Plan (ICS-205T)							
Prepared by		C.R.Simoneaux	Signature		Date		Time	
Approved by			Signature		Date		Time	

Governor's Office Of Homeland Security & Emergency Preparedness

ORGANIZATION ASSIGNMENT LIST			Incident Number		15-005		ICS 203	
Incident Name			Tulane National Primate Research Center		Operational Period		3/13/2015 0900hrs to 3/20/2015 0900hrs	
Unified Command			Operations Section					
UC/IC			RADM Scott Deitchman, MD (CDC)		Operations Chief		Miguel Cruz, PhD (CDC)	
UC/IC			Dir. Kevin Davis (GOHSEP)		Dep. Ops Chief		Collins Simoneaux (GOHSEP)	
UC/IC			Jimmy Guidry, MD (LA DHH)		Branch 1 - Investigation Branch			
UC/IC			Dir. Dexter Accardo (St Tammany OHSEP)		Branch Director		Robbin Weyant, PhD (CDC/OPHPR))	
Command Staff					S.A.P. Microbiologist		J.T. Paulley (CDC/OPHPR)	
Safety Officer			Dr. Don Sibley, PhD (Tulane)		S.A.P. Microbiologist		Lyla Lipscomb (CDC/OPHPR)	
PIO (JIC Primary Contacts)			* See PIO - JIC Information Below *		Medical Off. & SME		David Blaney (CDC/NCEZID)	
Liaison Officer			Darryl Delatte (GOHSEP)		EIS Officer		LCDR Leisha Nolen, MD (CDC/NCEZID)	
Agency Representative					EIS Officer		CDR Sherry Burrer, MD	
Tulane Primate Center			Dir. Mark Lackner, DVM		Industrial Hygenist		Joshua Harney (CDC/NIOSH)	
Tulane Primate Center			Mark Alise, PhD		Environmental Health Off.		LT James Gooch (CDC/NCEH)	
USDA/APHIS			Kenneth Angel, DVM		Public Health Scientist		LT Anna Kahn (CDC/OPHPR)	
USDA/APHIS			Katie Portacci, DVM		Branch 2 - Remediation/Response Branch			
USDA/APHIS			Lily Rai, DVM		Branch Director		Bill Rhotenberry (EPA)	
USDA/APHIS			Vicki Guilfor, DVM		Dep. Branch Dir.		Mike McAteer (EPA)	
USDA/APHIS			Freeda Isaac, DVM		Tech Specialist - SSC		Mike Nalipinski (EPA)	
US EPA			John Martin					
LDAF			Brent Robbins, DVM		Joint Information Center			
LA DHH			Gary Balsamo, DVM		Tulane PIO		Mike Strecker	
LA DHH			Dr. Roseanne Pratts		Tulane PIO		Debbie Grant	
LDEQ			Mike Algero		CDC PIO (Lead)		Barbara Reynolds	
LDEQ			Jeff Dauzat		CDC PIO		Jason McDonald	
FBI			Roger Tomberlin		CDC PIO		Christian Scheel	
DHS			Phillip Constantin		CDC PIO		Bernadette Burdin	
Planning Section					US EPA PIO		Joseph Hubbard	
Planning Chief			Paul Reeb (St. Tammany Parish)		US EPA PIO		David Gray	
Dep. Planning Chief					GOHSEP		Mike Steele	
Situation Unit					LA DHH		Olivia Watkins	
Resource Unit					LDAF		Veronica Mosgrove	
Documentation Unit			Vanessa Wall (St. Tammany Parish)		St. Tammany Parish		Ronnie Simpson	
Demobilization Unit								
Technical Specialists (Specialty and Name)			Plans Section - Science Technical Working Group					
<i>** Note - The Science Technical Working Group has been created under Plans Section. See adjacent list of members and Objective 4 on the ICS-202.</i>					CDC - Working Group Lead		RADM Scott Deitchman, MD	
					CDC - Human Blood Specialist		Dr. Henry Walke	
					CDC - Human Blood Specialist		Ermias Belay	
Logistics Section					CDC - Data Custodian		LT James Gooch	
Logistics Chief			Clarence Powe (St. Tammany Parish)		USDA - Research Leader		Dr. Alejandro Rooney	
Dep. Logistics Chief					EPA - Director, CMAD		Erica Canzler	
Service Branch					EPA - SSC		Mike Nalipinski	
Service Branch Dir.					DHH - State Health Officer		Dr. J. Guidry / Dr. R. Prats	
Communications Unit					DHH - State Epidemiologist		Dr. R. Ratard / Theresa Sokol	
IT Unit					DHH - State Lab		Dr. Stephen Martin	
Medical Unit					DHH - Regional MD		Dr. G. LaGarde / Dr. T. Davis	
Support Branch					LDAF - Asst. State Veterinarian		Dr. Diane Stacy, DVM	
Support Branch Dir.					LDEQ - ES Manager		Mike Algero	
Supply Unit					LDWF- State Wildlife Veterinarian		Dr. James Lacour, DVM	
Facilities Unit					Tulane - Dir. TNPRC		Dr. Andrew Lackner, DVM	
Finance Section					Tulane - Dir. Office of BioSafety		Dr. Don Sibley, PhD	
Finance Chief								
Prepared by			C.R.Simoneaux		Signature		Date	
Approved by					Signature		Date	

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INCIDENT TELEPHONE/E-MAIL CONTACT LIST		Incident Number	15-005	ICS 205T
Incident Name	Tulane National Primate Research Center	Operational Period	3/13/2015 0900hrs to 3/20/2015 0900hrs	
Telephone/Email List				
Agency/Position	Name	Cell Phone	Email	
** Note - See Last Page for PIO/JIC and Public Inquiry Phone Numbers **				
Tulane National Primate Research Center				
Tulane - Director	Andrew Lackner, DVM	985-966-6402	alackner@tulane.edu	
Tulane - COO	Mark Alise, PhD	985-871-6200	malise@tulane.edu	
Tulane - Dir. Office of Biosafety	Dr. Don Sibley, PhD	504-988-0300	dsibley@tulane.edu	
Tulane - PIO	Mike Strecker	504-512-1347	mstreck@tulane.edu	
Tulane - PIO	Debbie Grant	504-578-4071	dgrant@tulane.edu	
St. Tammany Parish Contacts				
St Tammany Parish - President	Patricia Brister	985-898-2362	pbrister@stpgov.org	
St Tammany Parish - OHSEP Dir.	Dexter Accardo	985-264-1087	daccardo@stpgov.org	
St Tammany Parish - OHSEP	Clarence Powe	985-290-7654	cpowe@stpgov.org	
St Tammany Parish - OSHEP	Paul Reeb	985-774-9710	pjreeb@stpgov.org	
St Tammany Parish - OHSEP	Vanessa Wall	985-898-2359	vanessa@stpgov.org	
St Tammany Parish - PIO	Ronnie Simpson	504-905-7841	rsimpson@stpgov.org	
Louisiana State Agency Contacts				
Governor's Office	Sarah Turner	225-342-2172	sarah.turner@la.gov	
GOHSEP - Director	Kevin Davis	225-925-7345	kevin.davis@la.gov	
GOHSEP - Chief of Staff	Christina Dayries	225-247-0797	christina.dayries@la.gov	
GOHSEP - Deputy Director	Chris Guilbeaux	225-715-3191	christopher.guilbeaux@la.gov	
GOHSEP - Asst. Deputy Dir.	Kevin Breaux	225-573-9345	kevin.breaux@la.gov	
GOHSEP - Administrative Officer	James Smith	225-925-7500	james.b.simth@la.gov	
GOHSEP - Executive Assistant	Laverna McNamee	225-925-7500	vernier.mcnamee@la.gov	
GOHSEP - Operations Sect. Chief	Sean Wyatt	225-754-2225	sean.wyatt@la.gov	
GOHSEP - Dep. Operations Chief	Jason Lachney	225-933-0173	jason.lachney@la.gov	
GOHSEP - Operatons Officer	Emily Granier	225-925-7500	emily.granier@la.gov	
GOHSEP - OpsO/WebEOC Admin	Melton Gaspard	985-634-2520	melton.gaspard@la.gov	
GOHSEP - Planning Sect. Chief	David Schultz	225-252-2005	david.schultz@la.gov	
GOHSEP - Logistics Chief	Michael Hamilton	225-335-1226	michael.hamilton@la.gov	
GOHSEP - Region 1 Coordinator	Darry Delatte	225-485-7452	darryl.delatte@la.gov	
GOHSEP - Region 9 Coordinator	Collins Simoneaux	225-329-4261	collins.simoneaux@la.gov	
GOHSEP - PIO	Mike Steele	225-788-0095	mike.steele@la.gov	
LA DHH - Secretary	Kathy Kliebert	225-342-9509	kathy.kliebert@la.gov	
LA DHH - Health Officer	Jimmy Guidry, MD	225-342-3417	jguidry@la.gov	
LA DHH - Exec. Dir. Emerg. Prep.	Rosanne Prats, PhD	225-938-8059	rosanne.prats@la.gov	
LA DHH - State Epidemiologist	Dr. Raoult Ratard	504-458-5428	raoult.ratard@la.gov	
LA DHH - Asst State Epidemiologist	Theresa Sokol	504-250-8672	theresa.sokol@la.gov	
LA DHH - State Lab	Stephen Martin	225-329-8169	stephen.martin@la.gov	
LA DHH - Region 1 Medical Dir.	Dr. Takeisha Davis	504-303-9245	takeisha.davis@la.gov	
LA DHH - Region 9 Medical Dir.	Dr. Gina Lagarde	985-285-7257	gina.lagarde@la.gov	
LA DHH - State PH Veterinarian	Gary Balsamo, DVM	504-568-8315	gary.balsamo@la.gov	

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LA DHH - R9 Hosp. DRC	Keith Peek	985-290-2642	keith.peek@la.gov
LA DHH - PIO	Olivia Watkins	225-610-6660	olivia.watkins@la.gov
LDAF - Commissioner	Mike Strain, DVM	225-922-1233	mike.strain@ldaf.state.la.us
LDAF - State Veterinarian	Brent Robbins, DVM	985-264-4142	brobbins@ldaf.la.gov
LDAF - Asst. State Veterinarian	Diane Stacy, DVM	225-202-1548	dstacy@ldaf.la.gov
LDAF - Asst. Commissioner	John Walther	985-438-6111	john_walther@ldaf.state.la.us
LDAF - PIO	Veronica Mosgrove	225-229-7147	vmosgrove@ldaf.la.gov
LDEQ - Secretary	Peggy Hatch	225-219-3953	peggy.hatch@la.gov
LDEQ -	Tom Killeen	225-219-3611	tom.killeen@la.gov
LDEQ - Emergency Response Mgr	Bryan Riche	504-214-4138	bryan.riche@la.gov
LDEQ - ESS	Jeff Dauzat	504-736-7714	jeff.dauzat@la.gov
LDEQ - ES Manager	Mike Algero	225-329-9745	mike.algero@la.gov
LDEQ - ES2	Joshua Fowler	504-736-7737	joshua.fowler@la.gov
LDWF - Secretary	Robert Barham	225-765-2806	rbarham@wlf.la.gov
LDWF - Asst. Sec., Wildlife Div.	Jimmy Anthony	225-765-2805	janthony@wlf.la.gov
LDWF - Chief of Wildlife Division	Kenny Ribbeck	225-765-2942	kribbeck@wlf.la.gov
LDWF - Asst. Sec., Fisheries Div.	Randy Pausina	225-765-0114	rpausina@wlf.la.gov
LDWF - Chief of Fisheries	Scott Longman	225-763-3513	slongman@wlf.la.gov
LDWF - Colonel of Enforcement Div	Joey Broussard	225-765-2988	jbroussard@wlf.la.gov
LDWF - State Wildlife Veterinarian	James LaCour, DVM	225-907-9491	jmlacour@wlf.la.gov
LDWF - Asst. State Wildlife Vet.	Dr. Rusty Berry	318-487-5885	rberry@wlf.la.gov
Federal Agency Contacts			
US CDC - Associate Director	RADM Scott Deitchman, MD	770-488-7145	sed2@cdc.gov
US CDC - Select Agent Prog. Dir.	Robbin Weyant, PhD	678-614-7284	rweyant@cdc.gov
US CDC - Emergency Ops Officer	Miguel Cruz, PhD	678-763-4703	mgc8@cdc.gov
US CDC - Select Agent Program	J.T. Paulley	404-955-4716	uyj9@cdc.gov
US CDC - Select Agent Program	Lyla Lipscomb	404-823-4910	vsw9@cdc.gov
US CDC - Medical Officer & SME	David Blaney	404-775-1044	znr5@cdc.gov
US CDC - EIS Officer	LCDR Leisha Nolan, MD	404-718-4671	xdf8@cdc.gov
US CDC - EIS Officer	CDR Sherry Burrer, MD	614-507-9385	hfh8@cdc.gov
US CDC - Environ. Health Officer	LT James Gooch	404-444-3931	jsx5@cdc.gov
US CDC - NIOSH Industrial Hygenis	Joshua Harney	513-841-4202	vzh5@cdc.gov
US CDC - Human Blood Specialist	Dr. Henry Walke	404-452-9624	hfw3@cdc.gov
US CDC - Human Blood Specialist	Ermia Belay	404-444-3931	ebb8@cdc.gov
US CDC - Epidemiologist	Max Zarate-Bermudez	770-488-7421	mcz4@cdc.gov
US CDC - Public Health Scientist	LT Anna Kahn	404-304-2005	vgj4@cdc.gov
US CDC - PIO (Lead)	Barbara Reynolds, PhD	404-918-1586	bsr0@cdc.gov
US CDC - PIO	Christian Scheel	404-488-0583	bjn2@cdc.gov
US CDC - PIO	Jason McDonald	404-387-3660	gnf0@cdc.gov
US CDC - PIO	Bernadette Burden	404-213-6874	btb8@cdc.gov
US EPA	Bill Rhotenberry	214-437-9804	rhotenberry.william@epa.gov
US EPA	Mike McAteer	214-354-9371	mcateer.mike@epa.gov
US EPA - OSC	John Martin	214-789-1994	martin.john@epa.gov
US EPA - Director, CMAD	Erica Canzler	202-564-2359	canzler.eric@epa.gov
US EPA - SSC	Mike Nalipinski	617-680-5469	nalipinski.mike@epa.gov
US EPA - START	Samuel Check	972-977-1579	sam.check@westonsolutions.com
US EPA - START	José Ojeda	619-417-3298	jose.ojeda@westonsolutions.com

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US EPA - START	Robert Sherman	225-573-9785	robert.sherman@westonsolutions.com
US EPA - PIO	Joseph Hubbard	214-665-2200	hubbard.joseph@epa.gov
US EPA - PIO	David Gray	214-789-2619	gray.david@epa.gov
USDA - Asst Dist Director, Dist 4	Kenneth Angel, DVM	601-214-0722	kenneth.l.angel@aphis.usda.gov
USDA - Risk Analysis Proj. Mgr.	Katie Portacci, DVM	970-494-1741	katie.portacci@aphis.usda.gov
USDA -	Victoria Guilfoil, DVM	405-623-6505	victoria.y.guilfoil@aphis.usda.gov
USDA - Research Ldr./Microbiology	Alejandro Rooney, PhD	309-258-2129	alejandro.rooney@ars.usda.gov
USDA - Dir. Ag Select Agent Service	Freeda Isaac, DVM	240-328-8927	freeda.e.isaac@aphis.usda.gov
USDA - PIO	Joelle Hayden	301-851-4040	joelle.r.hayden@aphis.usda.gov
FBI - WMD Program Coordinator	Roger Tomberlin	504-816-3035	roger.tomberlin@ic.fbi.gov
DHS - Protective Security Advisor	Phillip Constantin	504-202-1081	phillip.constantin@hq.dhs.gov
Maryland State Agency Contacts			
MEMA - Executive Director	Clay Stamp	410-517-3625	clay.stamp@maryland.gov
MD Dept. of Ag - Asst. State Vet.	Nancy Jo Chapman, DVM	410-841-5810	njo.chapman@maryland.gov
INCIDENT PIOs - JIC Contacts			
Tulane - PIO (Public Inquiries)	Mike Strecker	504-512-1347	mstreck@tulane.edu
Tulane - PIO	Debbie Grant	504-578-4071	dgrant@tulane.edu
US CDC - PIO (CDC Lead)	Barbara Reynolds, PhD	404-918-1586	bsr0@cdc.gov
US CDC - PIO	Christian Scheel	404-488-0583	bjn2@cdc.gov
US CDC - PIO (Public Inquiries)	Jason McDonald	404-387-3660	gnf0@cdc.gov
US CDC - PIO	Bernadette Burden	404-213-6874	btb8@cdc.gov
US EPA - PIO	Joseph Hubbard	214-665-2200	hubbard.joseph@epa.gov
US EPA - PIO	David Gray	214-789-2619	gray.david@epa.gov
USDA - PIO	Joelle Hayden	301-851-4040	joelle.r.hayden@aphis.usda.gov
GOHSEP - PIO	Mike Steele	225-788-0095	mike.steele@la.gov
LA DHH - PIO	Olivia Watkins	225-610-6660	olivia.watkins@la.gov
LDAF - PIO	Veronica Mosgrove	225-229-7147	vmosgrove@ldaf.la.gov
St Tammany Parish - PIO	Ronnie Simpson	504-905-7841	rsimpson@stpgov.org
** Public Information Numbers - Only the Below Information is Releasable to the Public **			
Questions regarding the investigation or remediation activities are directed to CDC (Jason McDonald) at 404-387-3660			
Questions regarding the TNPRC facility are directed to Tulane (Mike Strecker) at 504-512-1347			
All other questions are directed to GOHSEP (Mike Steele) at Mike.Steele@La.gov			
Prepared by	C.R.Simoneaux	Signature	Date/Time

Tulane National Primate Research Center

18703 3 Rivers Road, Covington, LA 70433



Personal Protective Equipment and Other Work Practice Requirements for All Employees Responding to the Tulane National Primate Research Center *Burkholderia pseudomallei* Response.

February 11, 2015

Purpose and Scope

- This document is intended for the protection of federal, state, and local government employees as well as Tulane employees involved in the current *Burkholderia pseudomallei* investigation at the Tulane National Primate Research Center (TNPRC). Response workers are involved in the *Burkholderia pseudomallei* response on-site for the primary purpose of observation of response activities. Additional work activities may include: inspecting research facilities to include laboratories; interviewing employees, and reviewing TNPRC plans, SOPs, and work practices for handling select agents. Additional activities identified as part of the response may require another risk assessment that could result in the need for additional protection.
- This guidance outlines required personal protective equipment (PPE) and other work precautions that must be followed to protect employee health and safety and ensure biocontainment within the facility.
- EPA and their contractors are working under their own health and safety plan that is consistent with the requirements outlined in this document.

General Guidance

- Limited access. Access to the TNPRC, and especially the laboratories and animal colony, should be done with specific response or investigation duties.
- Basic entry requirements. For access to the laboratories and colony, individuals must be appropriately trained, fit tested (if a tight-fitting respirator), and have appropriate medical clearance for use of a respirator. Access to the laboratories and colony areas is limited to only individuals with a negative PPD TB test within the past 6 months.
- Open wounds. Any open wounds must be covered prior to entrance to the facility.
- All donning and doffing of PPE must occur with a "buddy" in order to ensure proper procedures are followed.
- Biocontainment practices should also be followed to avoid transiting potentially contaminated dust and soil from one animal cage to another.

Administrative Areas

- No specific PPE required, although individuals must cover any open wounds. TNPRC will be asked to provide foot baths for use by individuals who are returning from the primate grounds and associated areas who do not wear disposable foot coverings.

Laboratories

- CDC requested that TNPRC conduct cleaning and decontamination of any anterooms in which our participants will enter without PPE.
- Laboratory spaces: Follow TNPRC laboratory PPE requirements which include the use of respiratory protection, disposable gloves, gowns or coveralls, foot coverings, head coverings, and eye protection. PAPRs with disposable hoods equipped with high efficiency filters may be used in lieu of N-95 respirators. Double gloves must be worn in areas where select agent work has taken place but not been decontaminated.
- Hand hygiene must be performed after removal of PPE and upon exiting vivarium or animal colony rooms, necropsy rooms, and/or laboratory areas. Ensure that hands are thoroughly washed with soap and water; if soap and water are not readily available, use an alcohol-based hand rub. Follow with soap and water once available.

Non-Human Primate Colony- South Campus

- PPE described in this area is required for all staff observing activities related to the collection of animal serology and the investigation. All staff should maintain a safe distance of the animal enclosures whenever possible. Entrances and work within 10 feet of the animal enclosures will be kept to a minimum. TNPRC staff should be utilized as much as possible to work in this area under USDA observation and direction.
- Inquire with Tulane NPRC if there is a NHP "Bite, Scratch and Splash" kit readily available within premises in the possible event of an animal escaping its primary enclosure (e.g., caging).
- Recommended PPE includes:
 - Tyvek coveralls (with attached hood is preferred),
 - Boot covers,
 - Double gloves, and
 - N-95 filtering facepiece, face shield or goggles, and head cover,
 - OR
 - Elastomeric respirator* equipped with high efficiency particulate air filter and head cover,
 - OR
 - Powered air purifying respirator* equipped with high efficiency filter with disposable hood

*These higher levels of respiratory protection are recommended as an option because they offer protection of the mucous membranes, including the eyes and nose, and obviate the need for additional eye and face protection.

- Tulane will identify a dedicated sally port entrance to serve as the federal entrance/exit point. PPE must be donned and doffed in the area between the exterior gate and interior gate at the sally port.
- Boot covers must be removed and replaced with new boot covers before entering vehicles and between animal cages to avoid potential cross-contamination.
- All personnel on-site will follow these procedures:
 - The number of personnel entering the animal colony should be kept to an absolute minimum.
 - Entry to the animal colony will be through the sally port. PPE will be donned at this point prior to entry through the interior gate.
 - Donning and doffing will occur at the sally port with a buddy or observer to assist as needed.
 - Hand sanitizer will be available and used after doffing or assisting someone else in doffing.
 - Personnel will shower at the on-site facility only if direct contact with potentially infectious material (e.g., through a splash) or direct contact with an animal has occurred.
 - Personnel will minimize contact with any surfaces and remain as far from the primate cages as practicable while observing activities.
 - PPE will be collected in biohazard disposal bags and handled as hazardous material.
 - Personnel are encouraged to shower and shampoo as soon as possible after leaving the facility.
 - Any breaches in PPE (e.g., tear on glove) or any potential exposure while not wearing the appropriate PPE should be reported to the immediate supervisor or chain of command. Respective agency occupational health programs should also be notified.
- Hand hygiene must be performed after removal of PPE and upon exiting the colony area. Ensure that hands are thoroughly washed with soap and water; if soap and water are not readily available, use an alcohol-based hand rub. Follow with soap and water once available.

Surveillance for Occupational Infections

The signs and symptoms of melioidosis vary depending on the type of infection and can easily be mistaken for other diseases such as pneumonia or tuberculosis. The incubation period ranges from one day to many years, with the vast majority of cases presenting within 21 days of exposure.

- For wound infections, signs and symptoms include localized pain or swelling.

- For pulmonary infections, signs and symptoms include cough, headache, fever, chest pain, anorexia (lack of appetite), and general muscle soreness.
- For bloodstream infections, signs and symptoms include high fever, headache, respiratory distress, disorientation, abdominal discomfort, and muscle tenderness.
- For infections that have spread throughout the body, signs and symptoms include fever, weight loss, stomach or chest pain, muscle or joint pain, headache, and encephalitis or seizures.

Self-monitoring:

Employees should do active daily self-monitoring for the presence of symptoms of melioidosis and fever for 21 days after the last day on site at TNPRC. Any fever above normal must be reported to the immediate supervisor or chain of command, and respective agency health and safety staff. Collection of blood for employees prior to visiting the site is recommended to serve as baseline samples should they be needed. Banked samples will not be analyzed at the time of collection, rather decisions on the need to analyze bank sera will be determined by the Unified Command.

Don A. Sibley 2/12/2015
Safety Officer Sp Response

Cleaning and Disinfecting Vehicles

All vehicles (for example, cars, livestock carriers, feed trucks, milk trucks, and carcass transporters) and heavy machinery (for example, excavators, backhoes, and bulldozers) that have been used on the Tulane National Primate Research Center, South Campus as part of the B pseudomallei response must undergo proper C&D processes before departing the premises because of the potential to transport pathogens across premises.

General Procedures

1. Don PPE as approved in the safety plan.
2. Remove the following items and set these items at the appropriate steps for separate C&D
 - a. Equipment in the truck bed or trailer, or in the vehicle's trunk.
 - b. Fixtures and fittings.
 - c. items should be returned to the vehicle after cleaning and/or disinfections are complete.

Cleaning Procedures

1. Dispose of soiled bedding and refuse and debris cleaned from the vehicle in appropriate biohazard containers.
2. Use shovels, manure forks, brushes, low-pressure sprayers, or mechanical scrapers to remove all visible organic material from the exterior of the vehicle. Remove any deposits of mud and straw from the wheels, wheel wells, tires, mudguards, and exposed chassis of the vehicle. It is essential that appropriate PPE be worn, especially when zoonotic disease agents are involved.

Washing Procedures

1. The power wash at Z Building will be used to clean the exterior of vehicles of all soil accumulation as well as to clean soiled tools and implements used in the completion of tasks associated with the B pseudomallei response mission in order to allow effective decontamination with liquid disinfectant. Any deposits of mud and straw should be removed from the wheels, wheel wells, tires, mudguards, and exposed chassis of the vehicle.
2. If interior of the vehicle has been contaminated with soil or debris remove the soil and debris and if necessary remove the floor mats or other items for washing with the power washer.
3. Following the washing procedure the vehicle, tools and other items washed will be rinsed with water and allow 5–10 minutes for residual rinse water to drip off.
4. Remove PPE soiled during the washing process and replace with clean PPE.

Exterior Disinfection


1. At the sally port the exterior of the vehicle and any items washed in the previous step will be sprayed with a 1% Virkon S® solution as a disinfectant. A garden type pump sprayer or equivalent can be used for application.
2. For vehicles and trailers, apply the disinfectant to the exterior of the vehicle, including the bodywork and wheels.
3. For trailers, apply the disinfectant to the outside of the trailer and the underside of the vehicle.

4. Spray all areas, including the wheels, wheel wells, tires, mudguards, and exposed chassis of the vehicle with disinfectant.
5. Allow 10 minutes of wet disinfectant contact time with the vehicle or trailer.

Interior Cleaning and Disinfection

Interior disinfection of the vehicle is necessary if the driver or passengers leave the cab. If so, all surfaces on the interior of the cab will need to be disinfected.

1. Remove all non-fixed items from the vehicle to be disinfected.
2. Disinfect the interior surfaces of the vehicle with 1% Virkon S® solution and allow 10 minutes contact time before personnel re-enter the vehicle. After the contact time is complete, the surfaces may be rinsed or wiped down with clean water.
3. Replace all items removed for disinfection and dispose of PPE.
4. Re- enter vehicle and drive out of the sally port.



Don Sibley, Ph.D., Safety Officer

02/12/2015